TPC080-WT02

Adopt a higher standard LCD screen and a high-precision touch screen. The fuselage is made of aluminum alloy structure. The fully enclosed fanless design scheme is specially designed for complex medical environment, which can ensure long-term stable operation under complex medical conditions; All products have obtained medical test reports such as EMI, ESD, safety regulations, pulse group, emission radiation, etc.

Features

- Self-developed industrial motherboard with multiple touch modes
- Anti-vibration, anti-radiation, anti-static layout structure design
- Upgraded anti-interference internal layout, ESD up to: ±8KV~±15KV.
- Industrial-grade protection, adapt to a variety of harsh environments.
- Obtained medical industry test report EN 60601-1-2:2015
- Supports desktop, wall, cantilever, boom and recessed mounting

| Main board | ESD:±8~15KV | EMC/EMI | IP65 waterproof | -20°C~70°C | 7*24H operation |

ISO FC CE CCC RoHS

Product Model

Product Size	8"
Non-touch	TPC080-WT02
Capacitive touch	TPC080-WT12
Resistive touch	TPC080-WT22

Product Interface

| GND | TOUCH | HD | DVI | VGA | Audio I/O | DC(12-36V) |

Product Specifications

Screen Parameters

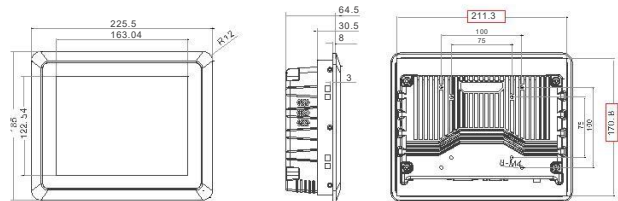| LCD size	8" TFT LCD
Resolution	1024*768
Viewing angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	800:1

Touch Parameters

Touch type	10-point touch projection Capacitive touch screen	Single-point Resistance touch screen	Non-touch
Transmittance	≥88%	≥78%	≥92%
Input mode	Handwriting or Capacitance pen	Fingertip or stylus	/
Controllercommunication	USB	USB	/

Hardware Configuration

CPU	RTD2513
Key function	AUTO/MENU/POWER/LEFT/RIGHT

Product Size

Physical Characteristics

Overall dimensions	W225.5x H185x D64.5mm
Size of opening	W213.3x H172.8mm

Interface Parameters

Grounding column	Support (1*GND)
Power interface	1*DC2.1, Support 12V-36V wide voltage power supply
HDMI	1 * HDMI, supports HDMI data input, and supports 1080P at most
Touch interface	1*TOUCH （RJ45)
VGA	1*VGA, Analog signal transmission
DVI	1*DVI, Digital signal transmission
Audio interface	1*Audio I/O, Support audio input and output

Product Reliability Parameters

Working temperature	-20°C~70°C
Storage temperature	-30°C~80°C
Relative humidity	Humidity: 95% Non-Condensing
ESD	Contact ±8KV, air ±15KV
Vibration protection	IEC 60068-2-64, Random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, Half sine wave, Lasting for 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS
Waterproof grade	The front panel reaches IP65 protection level

Power Parameters

Power input	DC 12V~36V
Static power	18W

Multilingual (default: English）
PC-RGB:Format Up to 1920*1080@60HZ Color 16bit/24bit/32bit